

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US00/15821

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : F02C 01/00, 09/00; E03B 7/10

US CL : 60/39.03, 728; 138/39

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 60/39.03, 728, 726, 39.29; 138/39, 111

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	FOSTER-PEGG. R. W. Supercharging of Gas Turbines by Forced Draft Fans With Evaporative Intercooling, ASME Publication, February 1965, note especially page 4.	1-5, 8, 9, 11, 15-17, 19-21, 23-30, 33, 34, 36, 39-42, 44, 48 and 49
X	KOLP et al, Advantages of Air Conditioning and Supercharging an LM6000 Gas Turbine Inlet, International Gas Turbine Institute, Paper No. 94-GT-425, 11 February 1994, see especially page 516.	77-80
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Y		1-5, 8, 9, 11, 14-17, 19-30, 33, 34, 36, 40-42, 44, 48, 49 and 81

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
*A* document defining the general state of the art which is not considered to be of particular relevance	*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
*E* earlier document published on or after the international filing date	*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*A* document member of the same patent family
*U* document referring to an oral disclosure, use, exhibition or other means	
*P* document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

15 NOVEMBER 2000

Date of mailing of the international search report

28 NOV 2000

Name and mailing address of the ISA/US  
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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ----- Y	US 4,702,074 A (MUNK) 27 October 1987, see entire document.	76, 77, 79 ----- 1-5, 8, 9, 11, 15- 17, 19, 21-30, 33, 34, 36, 40-42, 44- 47, 49 and 81
Y	US 3,796,045 A (FOSTER-PEGG) 12 March 1974, see entire document.	59, 76 ----- 1-5, 8, 11-13, 15- 17, 19-30, 32-34, 36-38, 40-42, 44, 48, 49, 60, 62-73 and 75
A	US 4,027,407 A (KISS) 07 June 1977, see entire document.	50